

ABSTRACT

The present invention is directed to a method of making a golf ball comprising the steps of cooling a golf ball subassembly such that the golf ball subassembly undergoes a volumetric reduction, and applying a cover layer over the volumetrically reduced golf ball subassembly.

- 5 The method can further include a three-step curing process after applying the cover layer. The three-steps include maintaining mold halves containing the covered subassembly at a first temperature, heating the mold halves to a second temperature, then maintaining the mold halves at a third temperature. Also, the method can include cooling the cover materials in a mixer so that higher levels of catalyst can be used.